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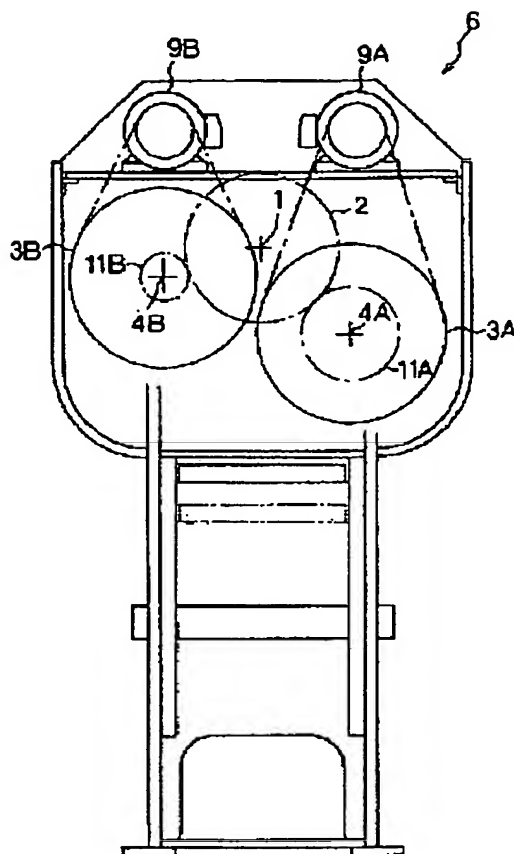
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TITLE : HYBRID PRESS



ABSTRACT : PROBLEM TO BE SOLVED: To provide a hybrid press on which a plurality of sets of independent drive systems are provided, by which various slide motions can be obtained and press working is effectively performed, and which is wide in application range.

SOLUTION: In this hybrid press 6, by providing first pinion 11A and second pinion 11B on first drive shaft 4A and second drive shaft 4B which connect while controlling connection/disconnection dynamically first flywheel 3A being rotated and driven by first motor 9A and second flywheel 3B being rotated and driven by second motor 9B, the first pinion 11A and the second pinion 11B are engaged with a main gear 2, a slide is elevated and lowered by a crank shaft connected to the main gear 2, the number of the teeth of the first pinion 11A and the second pinion 11B is changed to make their velocity constant, and in addition to it, by providing high speed rotation side and low speed rotation side, they are driven by changing over by a desired crank angle, link motion and knuckle motion are obtained, or by using independently the high speed side and the low speed side, a sine motion is obtained.

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